

2/21

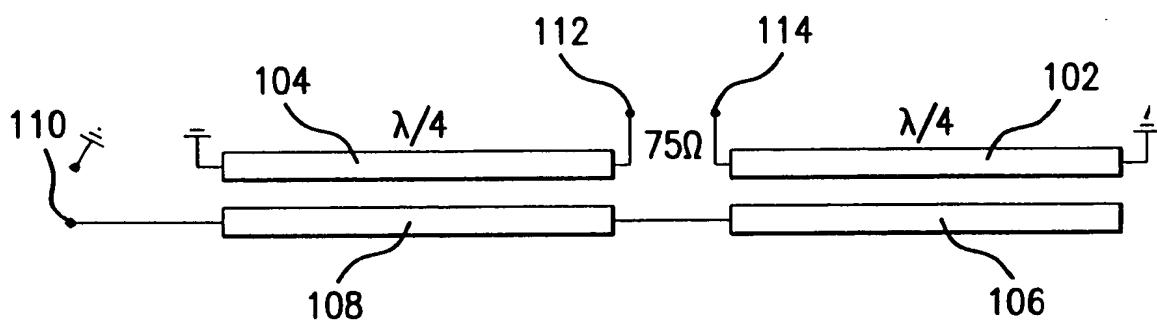
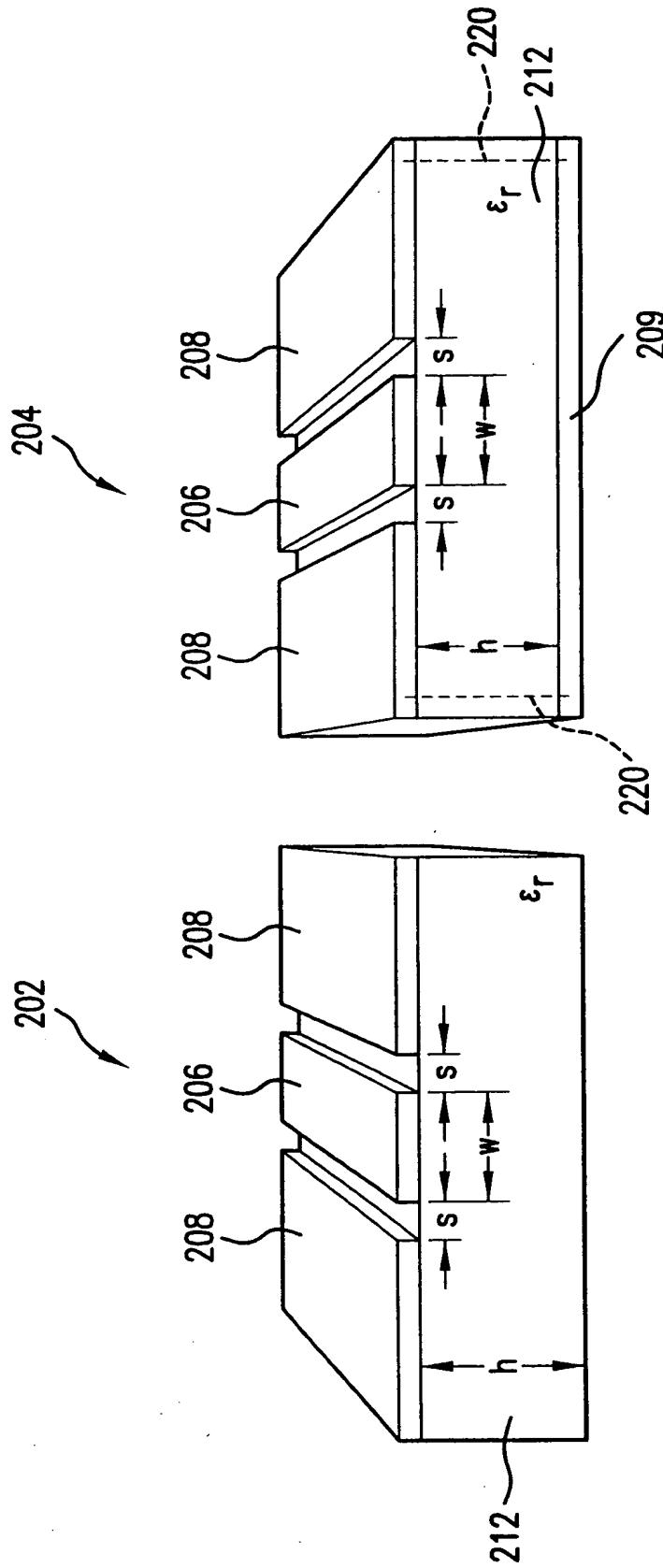
100

FIG. 1B

PRIOR ART



3/21



COPLANAR WAVEGUIDE WITH GROUND (CPWG)

FIG. 2B
FIG. 2A

PRIOR ART

PRIOR ART

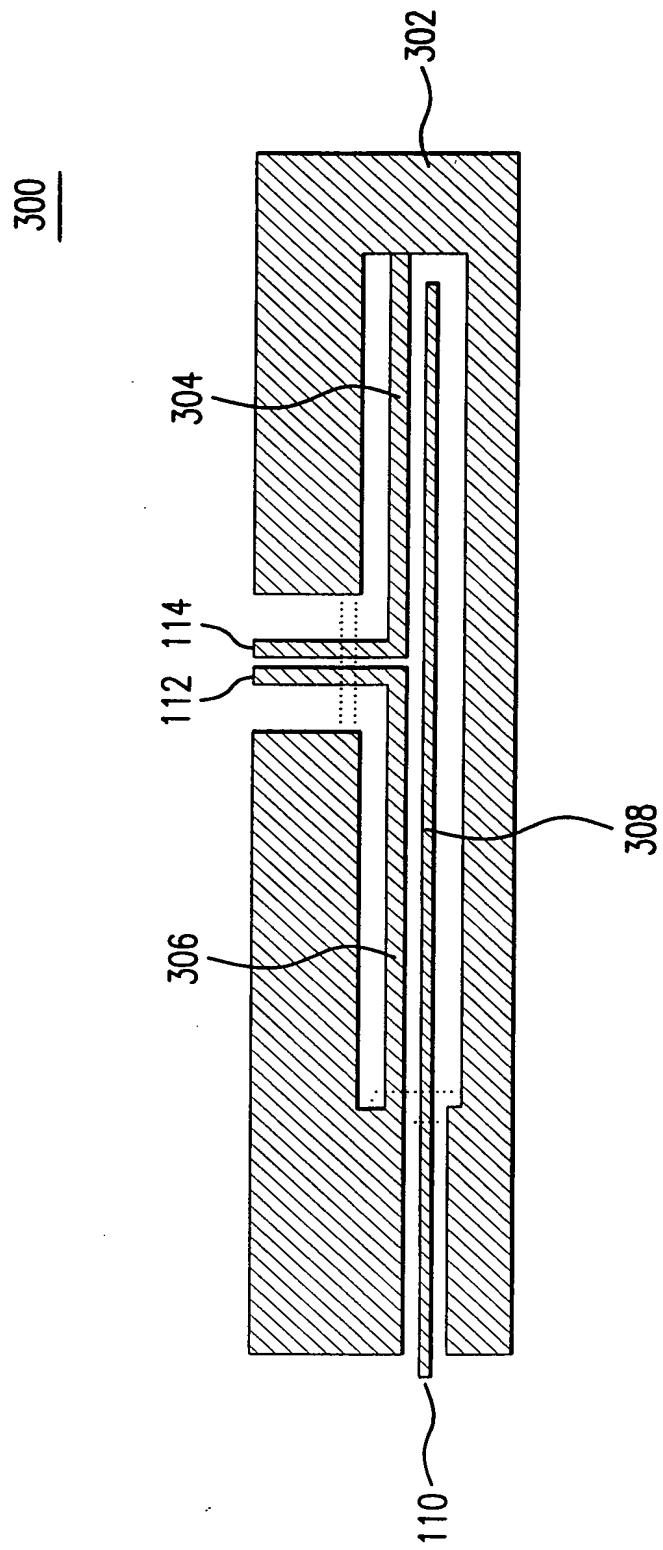


FIG. 3 Prior Art



6/21

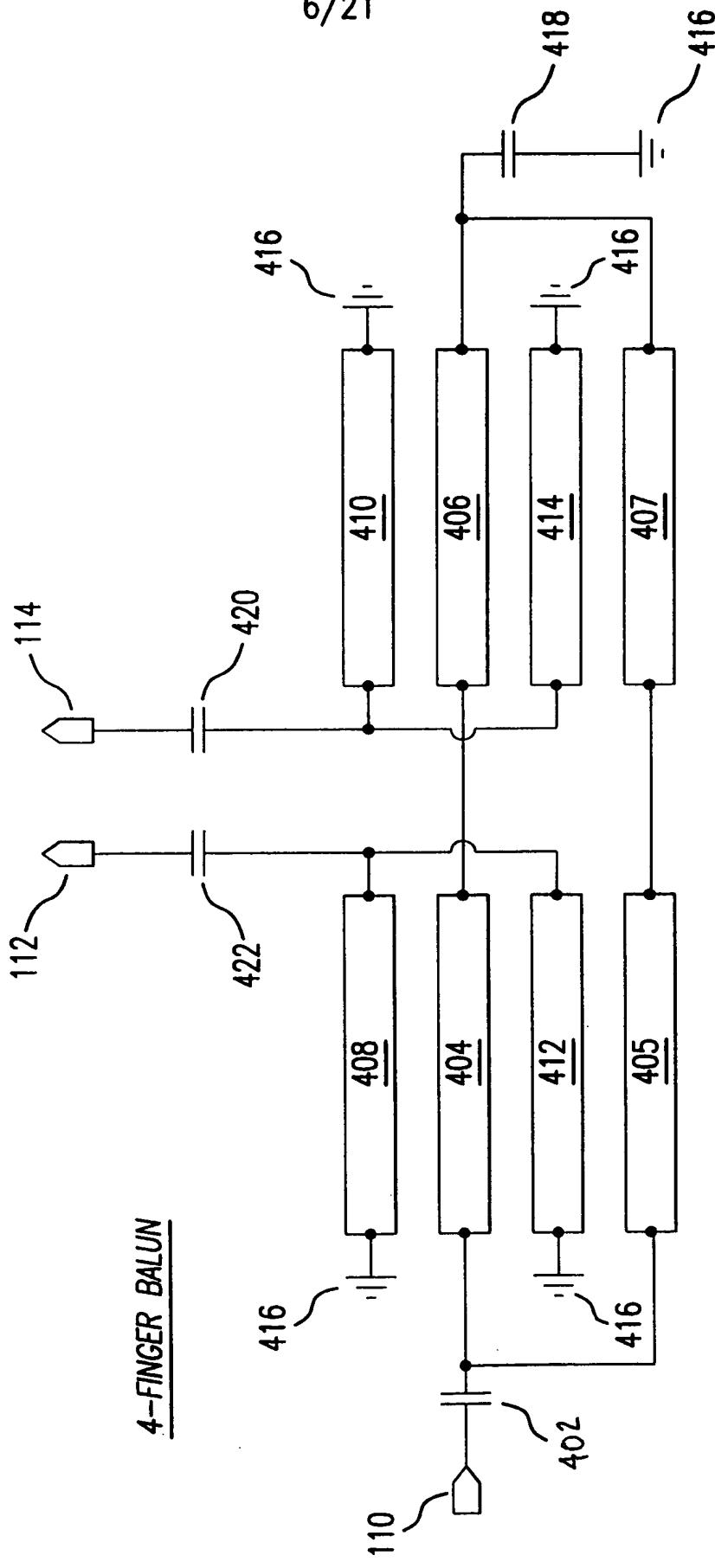
401

FIG. 4B



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8/21

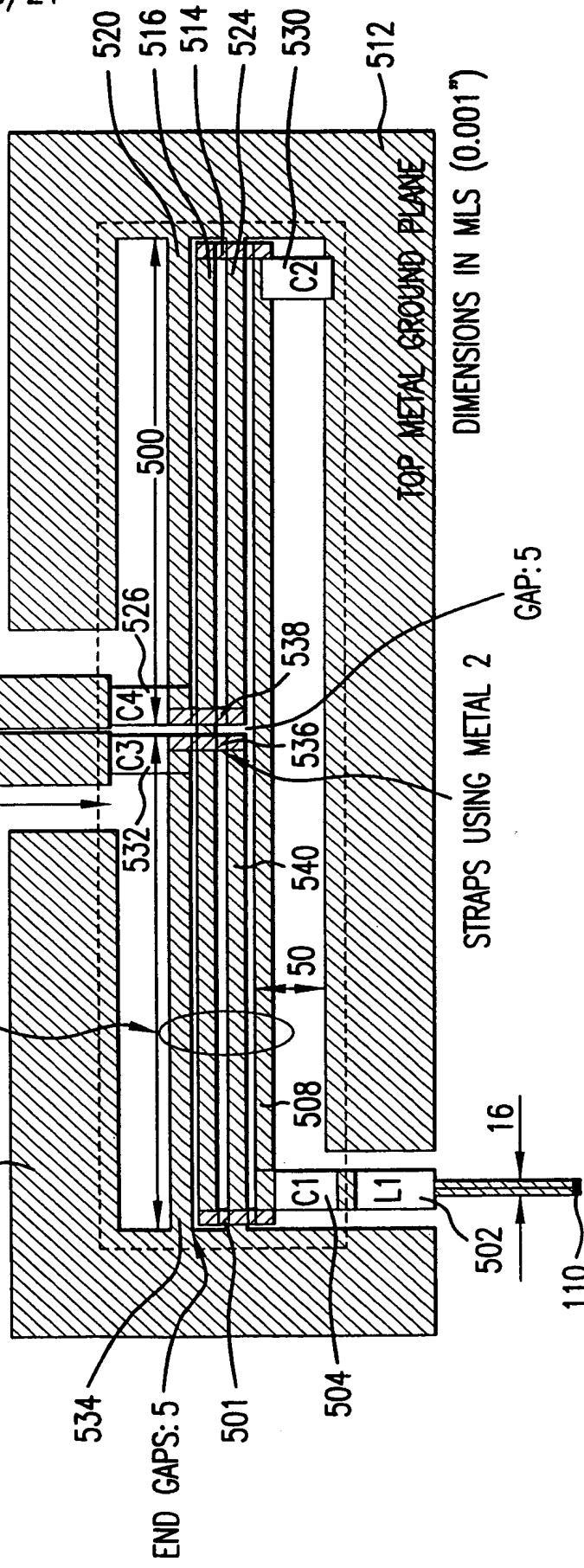
<u>ELEMENT</u>	<u>VALUES</u>
L1=2.7nH	(0603)
C1=5.6pF	(0603)
C2=5.6pF	(0603)
C3=5.6pF	(0603)
C4=5.6pF	(0603)

75 OHM BALANCED OUTPUT (COUPLED MICROSTRIP)

112 114

FR-4 PRINTED CIRCUIT BOARD
TOP METAL, 2.8MIL COPPER
DIEL. CONST 3.8
GROUND PLANE 18 MIL BELOW,
EXCEPT: PLACE NO METAL
UNDER AREA INSIDE BLUE LINE,
(METAL2 STRAPS EXCLUDED)

CPW LINES
WIDTH: 17
SPACE: 10



75 OHM INPUT (MICROSTRIP)

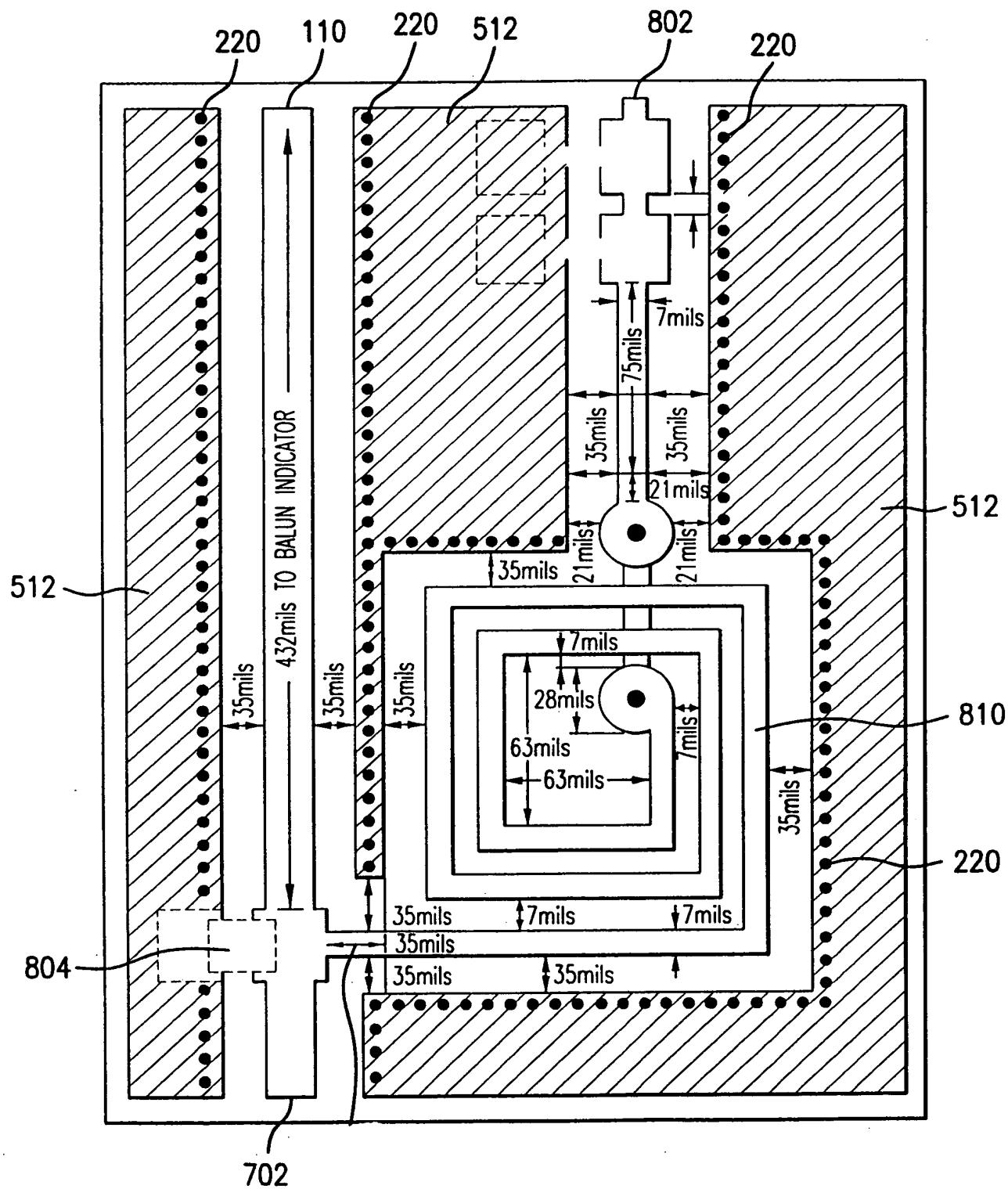
FIG. 5B



REPLACEMENT SHEET

13/21

800





REPLACEMENT SHEET

18/21

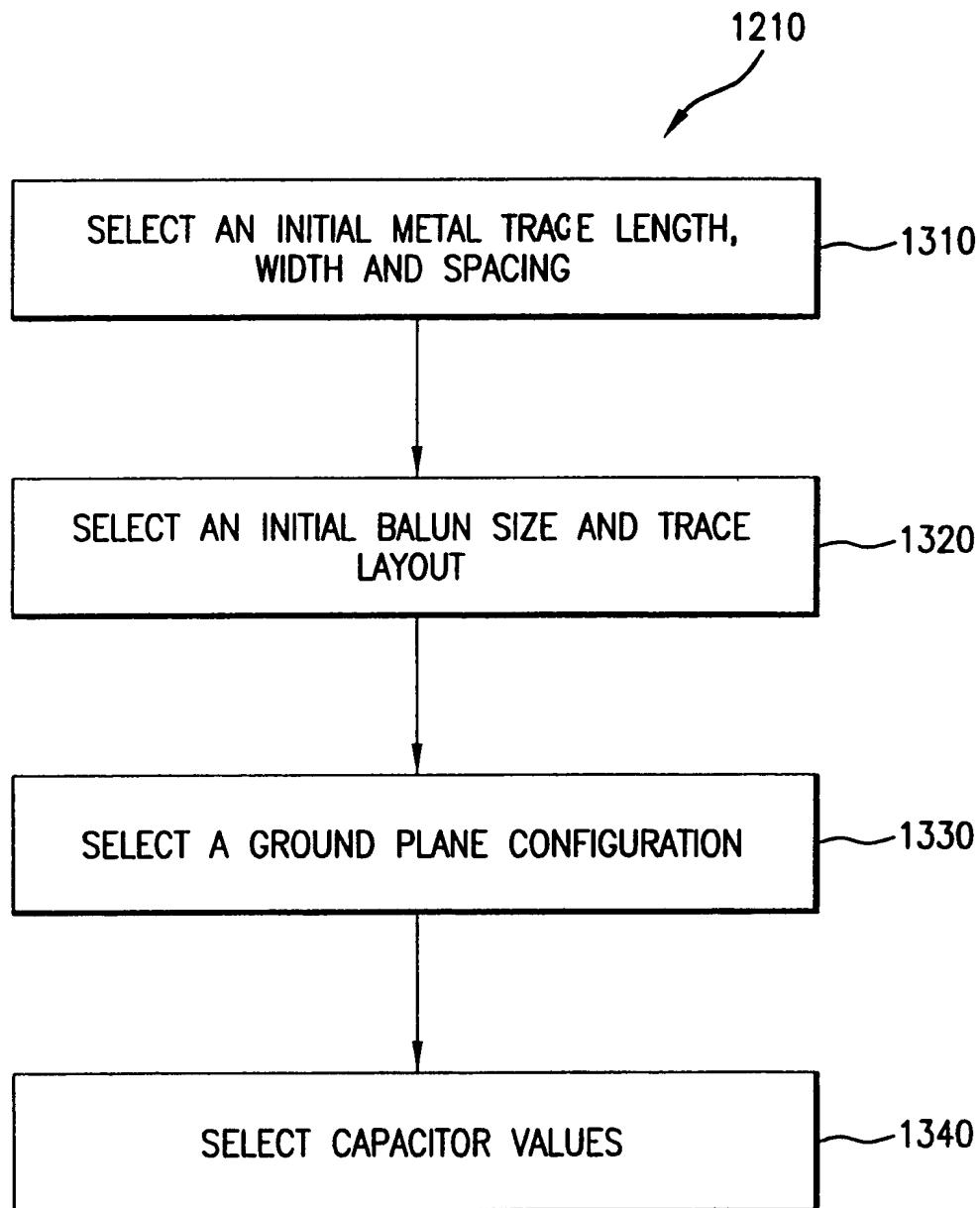


FIG. 13